

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit	N/A	
Examiner Name	Unknown	
Attorney Docket Number	100.070US31	

U.S.PATENTS						Remove
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	3916379		1975-10-28	DULANEY et al.	
	2	4107470		1978-08-15	MARUTA	
	3	4206320		1980-06-03	KEASLER et al.	
	4	4291403		1981-09-22	WADDILL et al.	
	5	4381546		1983-04-26	ARMSTRONG	
	6	4395768		1983-07-26	GOETHALS et al.	
	7	4430731		1984-02-07	GIMPLE et al.	
	8	4512033		1985-04-16	SCHROCK	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit		N/A
Examiner Name	Unknown	
Attorney Docket Number		100.070US31

	9	4528656		1985-07-09	MORAIS	
	10	4533948		1985-08-06	McNAMARA et al.	
	11	4604721		1986-08-05	GRAY	
	12	4612626		1986-09-16	MARCHANT	
	13	4617656		1986-10-14	KOBAYASHI et al.	
	14	4618955		1986-10-21	SHARPE et al.	
	15	4644526		1987-02-17	WU	
	16	4648123		1987-03-03	SCHROCK	
	17	4651320		1987-03-17	THAPAR	
	18	4677686		1987-06-30	HUSTIG et al.	
	19	4679227		1987-07-07	HUGHES-HARTOGS	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit		N/A
Examiner Name	Unknown	
Attorney Docket Number		100.070US31

	20	4707832		1987-11-17	GLENN et al.	
	21	4763317		1988-08-09	LEHMAN et al.	
	22	4791590		1988-12-13	KU et al.	
	23	4977593		1990-12-11	BALLANCE	
	24	4996706		1991-02-26	CHO	
	25	5027426		1991-06-25	CHIOCCA, Jr.	
	26	5084903		1992-01-28	McNAMARA et al.	
	27	5121409		1992-06-09	GOSS	
	28	5124980		1992-06-23	MAKI	
	29	5134464		1992-07-28	BASILE et al.	
	30	5153763		1992-10-06	PIDGEON	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit	N/A	
Examiner Name	Unknown	
Attorney Docket Number	100.070US31	

	31	5195092		1993-03-16	WILSON et al.	
	32	5214687		1993-05-25	KANSAKOSKI et al.	
	33	5216697		1993-06-01	OHNUKI	
	34	5262883		1993-11-16	PIDGEON	
	35	5272700		1993-12-21	HANSEN et al.	
	36	5291289		1994-03-01	HULYALKAR et al.	
	37	5303229		1994-04-12	WITHERS et al.	
	38	5313413		1994-05-17	BHATIA et al.	
	39	5315583		1994-05-24	MURPHY et al.	
	40	5355114		1994-10-11	SUTTERLIN et al.	
	41	5365525		1994-11-15	NEWBERG et al.	

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit		N/A
Examiner Name	Unknown	
Attorney Docket Number		100.070US31

	42	5371548		1994-12-06	WILLIAMS	
	43	5371696		1994-12-06	SUNDARARAJAN et al.	
	44	5387941		1995-02-07	MONTGOMERY et al.	
	45	5425050		1995-06-13	SCHREIBER et al.	
	46	5440335		1995-08-08	BEVERIDGE	
	47	5471474		1995-11-28	GROBICKI et al.	
	48	5485630		1996-01-16	LEE et al.	
	49	5488413		1996-01-30	ELDER et al.	
	50	5499241		1996-03-12	THOMPSON et al.	

If you wish to add additional U.S. Patent citation information please click the Add button.

Add

U.S.PATENT APPLICATION PUBLICATIONS

Remove

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
-------------------	---------	--------------------	------------------------	------------------	---	--

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit		N/A
Examiner Name	Unknown	
Attorney Docket Number		100.070US31

	1					
--	---	--	--	--	--	--

If you wish to add additional U.S. Published Application citation information please click the Add button. [Add](#)

FOREIGN PATENT DOCUMENTS

[Remove](#)

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² i	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	3311386	DE		1984-10-31	KRAUTKRAEMER et al.		<input type="checkbox"/>
	2	0080782	EP		1983-06-08	BRYANT		<input type="checkbox"/>
	3	0131662	EP		1985-01-23	RODMAN		<input type="checkbox"/>
	4	0282298	EP		1988-09-14	TANNER		<input type="checkbox"/>
	5	0325331	EP		1989-07-26	BAXTER et al.		<input type="checkbox"/>
	6	0329023	EP		1989-08-23	MAGAR et al.		<input type="checkbox"/>
	7	0392723	EP		1990-10-17	CHUNG et al.		<input type="checkbox"/>
	8	0399611	EP		1990-11-28	OWEN et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit	N/A	
Examiner Name	Unknown	
Attorney Docket Number	100.070US31	

	9	0499065	EP		1992-08-19	OHNSORGE et al.		<input type="checkbox"/>
	10	0584820	EP		1994-03-02	MOMONA		<input type="checkbox"/>
	11	0599515	EP		1994-06-01	SCHMIDT		<input type="checkbox"/>
	12	0599632	EP		1994-06-01	O'SULLIVAN et al.		<input type="checkbox"/>
	13	0613266	EP		1994-08-31	BAGGEN et al.		<input type="checkbox"/>
	14	0618692	EP		1994-10-05	BOLZE et al.		<input type="checkbox"/>
	15	0630133	EP		1994-12-21	PARTRIDGE III		<input type="checkbox"/>
	16	0637181	EP		1995-02-01	RITTER		<input type="checkbox"/>
	17	0647043	EP		1995-04-05	PATEL et al.		<input type="checkbox"/>
	18	0669749	EP		1995-08-30	MAITRA et al.		<input type="checkbox"/>
	19	0673131	EP		1995-09-20	ISHIKAWA et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit		N/A
Examiner Name	Unknown	
Attorney Docket Number		100.070US31

	20	0689313	EP		1995-12-27	SATO et al.		<input type="checkbox"/>
	21	0695054	EP		1996-01-31	WISHART et al.		<input type="checkbox"/>
	22	2266433	GB		1993-10-27	ERIKSSON et al.		<input type="checkbox"/>
	23	1319319	JP		1989-12-25	ICHIYOSHI et al.		<input type="checkbox"/>
	24	2104049	JP		1990-04-17	FUJIMOTO		<input type="checkbox"/>
	25	4156735	JP		1992-05-29	EMURA		<input type="checkbox"/>
	26	04025246	JP		1992-01-29	TAKAHASHI		<input type="checkbox"/>
	27	5122700	JP		1993-05-18	YAMADA		<input type="checkbox"/>
	28	5167632	JP		1993-07-02	NAKANISHI et al.		<input type="checkbox"/>
	29	5207466	JP		1993-08-13	TAKAHASHI		<input type="checkbox"/>
	30	57107646	JP		1982-07-05	KAKU et al.		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		10043818
Filing Date		2002-01-11
First Named Inventor	Dapper	
Art Unit	N/A	
Examiner Name	Unknown	
Attorney Docket Number	100.070US31	

31	5963833	JP		1984-04-11	TAKAHASHI		<input type="checkbox"/>
32	61111036	JP		1986-05-29	ABE		<input type="checkbox"/>
33	9218940	WO		1992-10-29	FURUTA		<input type="checkbox"/>
34	9300751	WO		1993-01-07	KLOC et al.		<input type="checkbox"/>
35	9429983	WO		1994-12-22	BRUESS		<input type="checkbox"/>
36	9513579	WO		1995-05-18	GIGER		<input type="checkbox"/>
37	9534149	WO		1995-12-14	CIOFFI et al.		<input type="checkbox"/>

If you wish to add additional Foreign Patent Document citation information please click the Add button

NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T ⁵
	1	BINGHAM, "MULTICARRIER MODULATION FOR DATA TRANSMISSION - AN IDEA WHOSE TIME HAS COME", "IEEE COMMUNICATIONS MAGAZINE", 5/28/90, Page(s) 5-12, Number 5, Publisher: IEEE	<input type="checkbox"/>
	2	CHIDDIX ET AL., "FIBER BACKBONE - A PROPOSAL FOR AN EVOLUTIONARY CATV NETWORK ARCHITECTURE", "1988 NCTA TECHNICAL PAPERS", 1988, Page(s) 73-82	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		10043818
	Filing Date		2002-01-11
	First Named Inventor	Dapper	
	Art Unit	N/A	
	Examiner Name	Unknown	
	Attorney Docket Number	100.070US31	

3	ENGSTROM ET AL., "A SYSTEM FOR TEST OF MULTIACCESS METHODS BASED ON OFMD", "CONFERENCE PROCEEDINGS, 1994 IEEE 44TH VEHICULAR TECHNOLOGY CONFERENCE", 6/8-10/94, Page(s) 1843-1845, Volume 3, Publisher: IEEE, Published in: STOCKHOLM, SWEDEN	<input type="checkbox"/>
4	FLIEGE, "ORTHOGONAL MULTIPLE CARRIER DATA TRANSMISSION", "EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS AND RELATED TECHNOLOGIES", MAY-JUNE/1992, Page(s) 255-264	<input type="checkbox"/>
5	SIERENS ET AL., "SUBCARRIER MULTIPLE ACCESS FOR PASSIVE OPTICAL NETWORKS AND COMPARISON TO OTHER MULTIPLE ACCESS TECHNIQUES", "CONFERENCE RECORD, IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE", 12/2-5/91, Page(s) 619-623, Volume 1, Publisher: IEEE, Published in: PHOENIX, AZ	<input type="checkbox"/>
6	WINTERMANTEL ET AL., "A CLASS OF DFT POLYPHASE FILTER BANKS FOR ORTHOGONAL MULTIPLE CARRIER DATA TRANSMISSION ", "PROCEEDINGS OF THE 1992IEEE INTERNATIONAL SYMPOSIUM ON CIRCUITS AND SYSTEMS", 5/10-13/92, Page(s) 1332-1335, Volume 3, Publisher: IEEE, Published in: SAN DIEGO, CA	<input type="checkbox"/>

If you wish to add additional non-patent literature document citation information please click the Add button

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. ² Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). ³ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵ Applicant is to place a check mark here if English language translation is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number	10043818
Filing Date	2002-01-11
First Named Inventor	Dapper
Art Unit	N/A
Examiner Name	Unknown
Attorney Docket Number	100.070US31

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☐ See attached certification statement.

☐ Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/ J. Patrick Kendrick /	Date (YYYY-MM-DD)	2006-12-21
Name/Print	J. Patrick Kendrick	Registration Number	53109

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.